- Straight and skewed fillet welds
- TKY welds
- Full and partial penetration
- linear array probe along the fusion line:
 - Manual
 - Mechanized
 - Automatic
- 100% raw data capturing
- True-to-Geometry imaging:
- Top View (C-Scan)
 - Side View
 - End View
 - 3D-View
- FMC/TFM Protocol for the data acquisition and imaging
- Comprehensive postprocessing



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ОК 🕨

POWER . LOW-BAT . CHARGE

X

F

ISONIC 3510

ESC

6

B

*

4

dB

ISONIC EXPERT FILLET Technology

Scanning above the web or inner flange surface with wedged

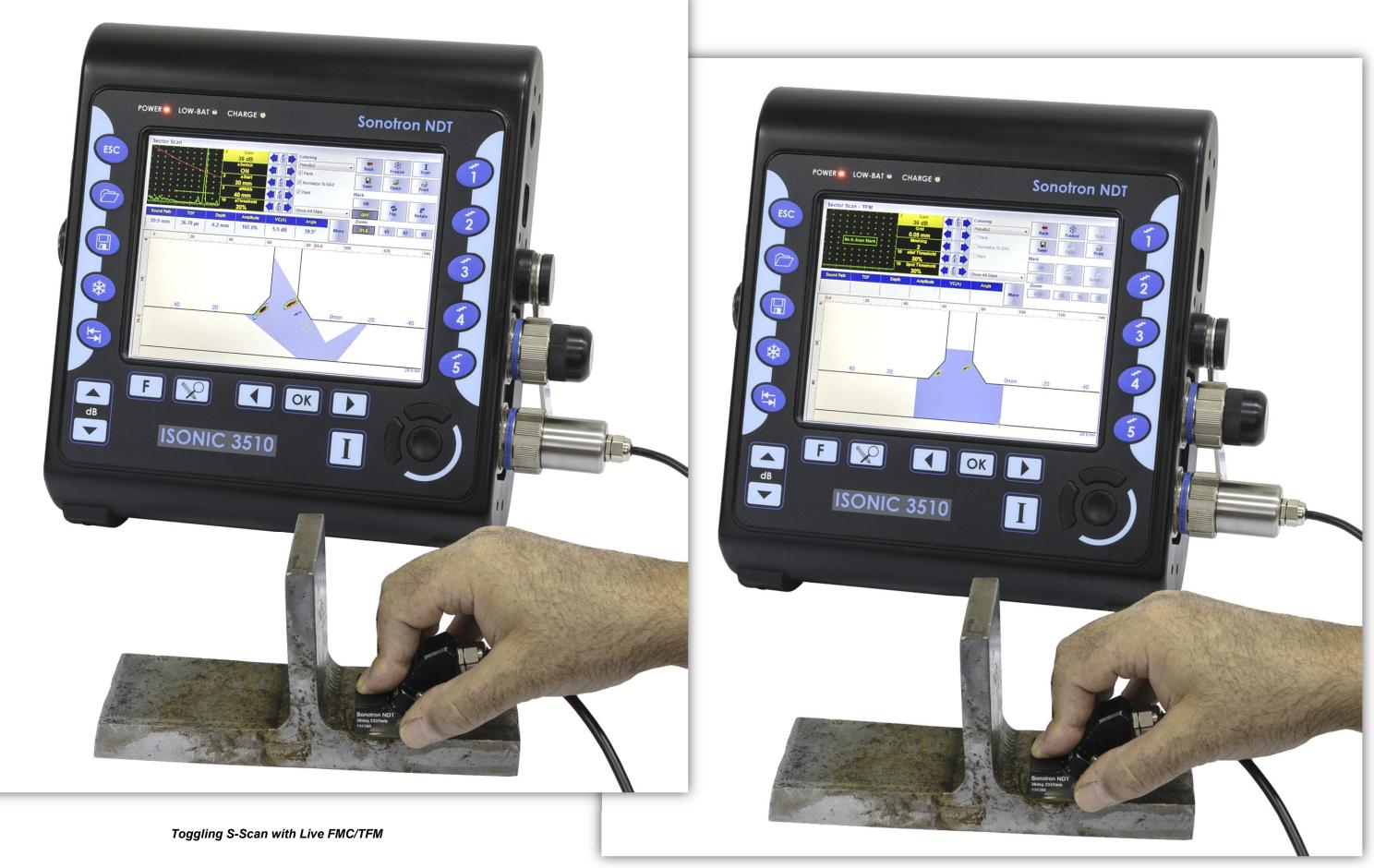




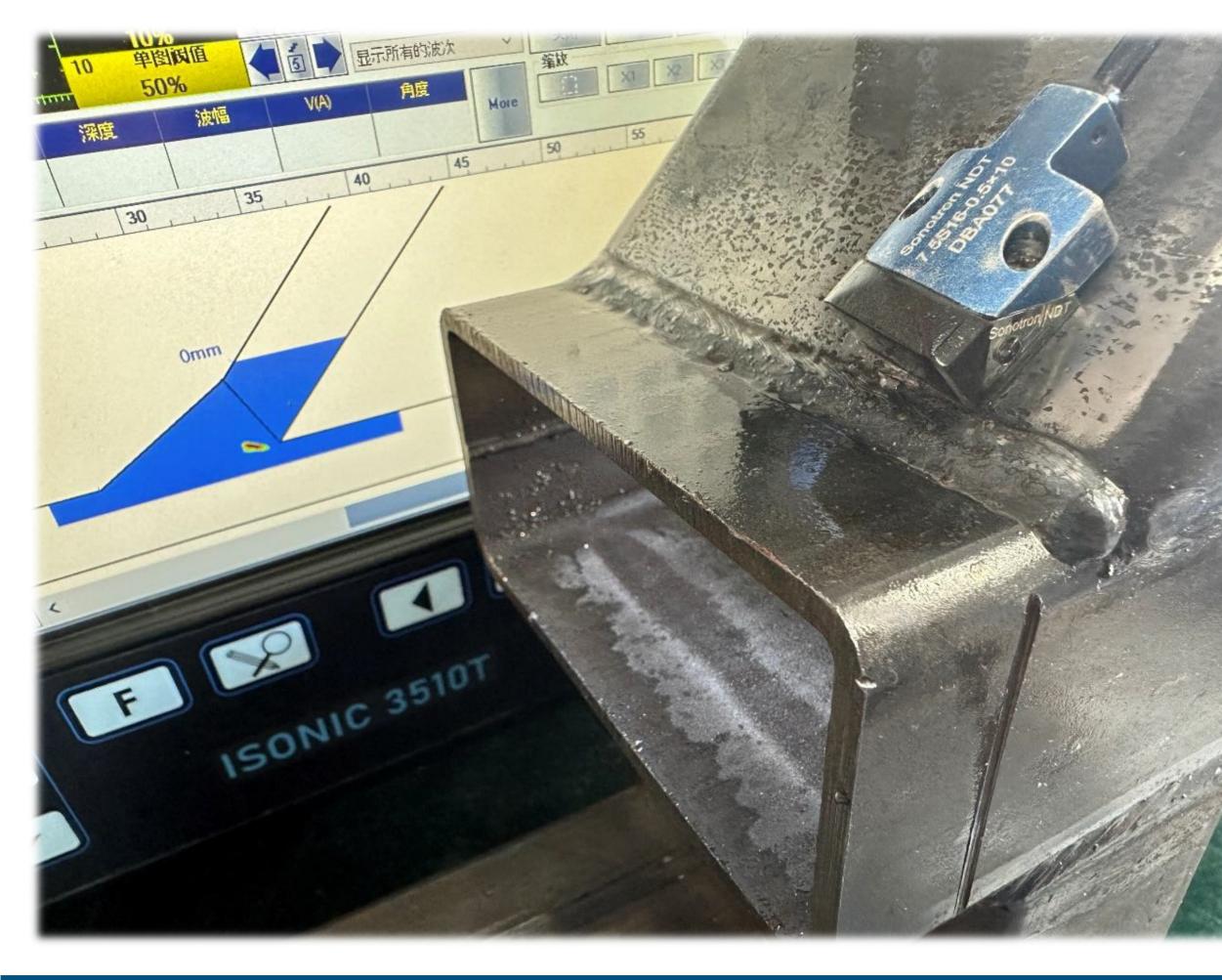
| | Order Code (Part ##) |
|--|-------------------------|
| ONIC 3510 - Phased Array , Tee- , TKY - welds, and the web surface | SWA 3510014 |
| ONIC 2010 EL - Phased Array Tee- , TKY - welds, and the like o surface | SWA 910814 |
| A-Scope - Phased Array Modality: Y - welds, and the like with PA | SWA 909814 |
| naging - Cross Sectional and Top (C- | |
| n Forming View | |
| ning Pattern Design n Per Focal Law Correction | |
| neously with weld inspection | |
| ng Completed | |
| C-Scan Acquisition Completed | |
| n the Recorded Cross Sectional Views | |
| ded C-Scan data to 3D Images | |
| types of stored files (A-Scans, cross- | |
| es / DAC Evaluation per Shot Correction applied to the stored | |
| / Position / By Amplitude / dB-to-DAC / | |
| a Separate File | |
| / PDF File | |

Item

Shear wave inspection of the fillet weld – probe placement on the inner side of the flange









Structural skewed fillet weld between thin wall rectangle cross-section profiles



Determining the partial penetration of the one side welded fillet





Shear wave inspection of the fillet weld – probe placement on the inner side of the flange





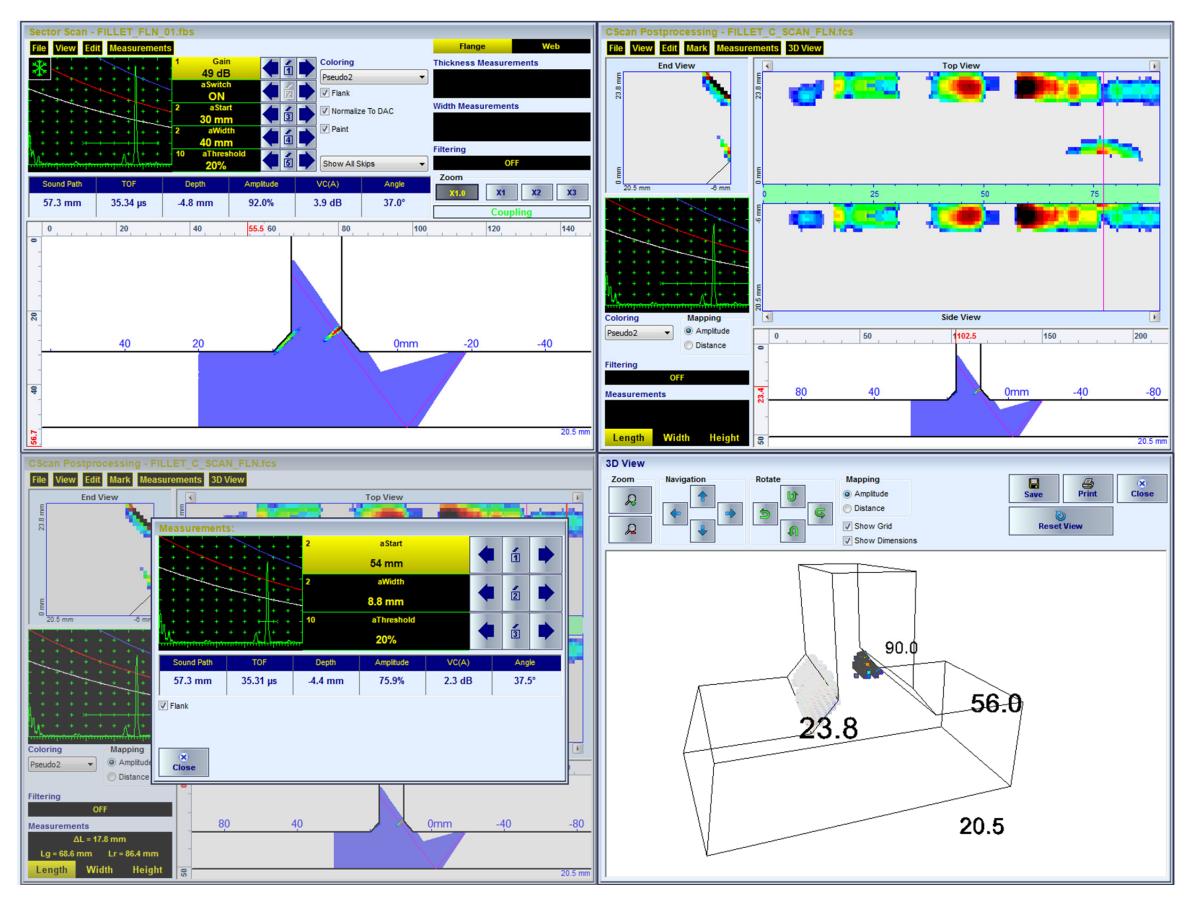
SONOTRON NDT

4, Pekeris st., Rabin Science Park, Rehovot, 7670204, Israel Phone: +972-(0)8-9311000, Fax: +972-(0)8-9477712 www.sonotronndt.com Shear wave inspection of the fillet weld – probe placement on the inner side of the flange



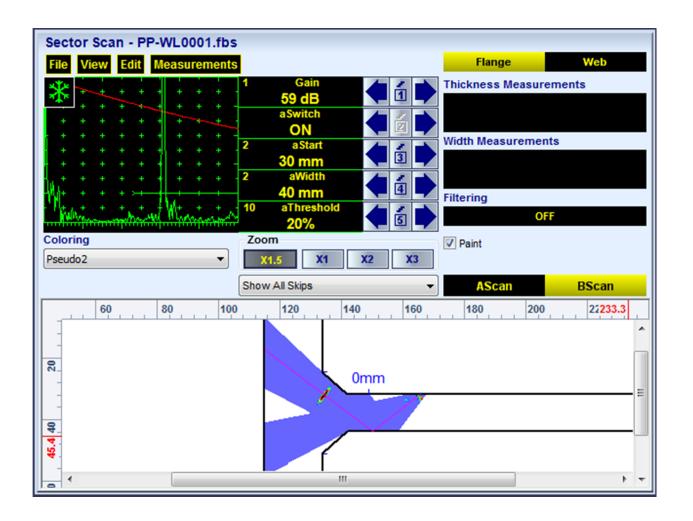
Shear wave inspection of the fillet weld – probe placement on the inner side of the flange







Shear wave inspection of the fillet weld – probe placement on the web

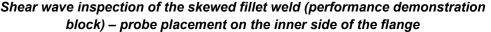


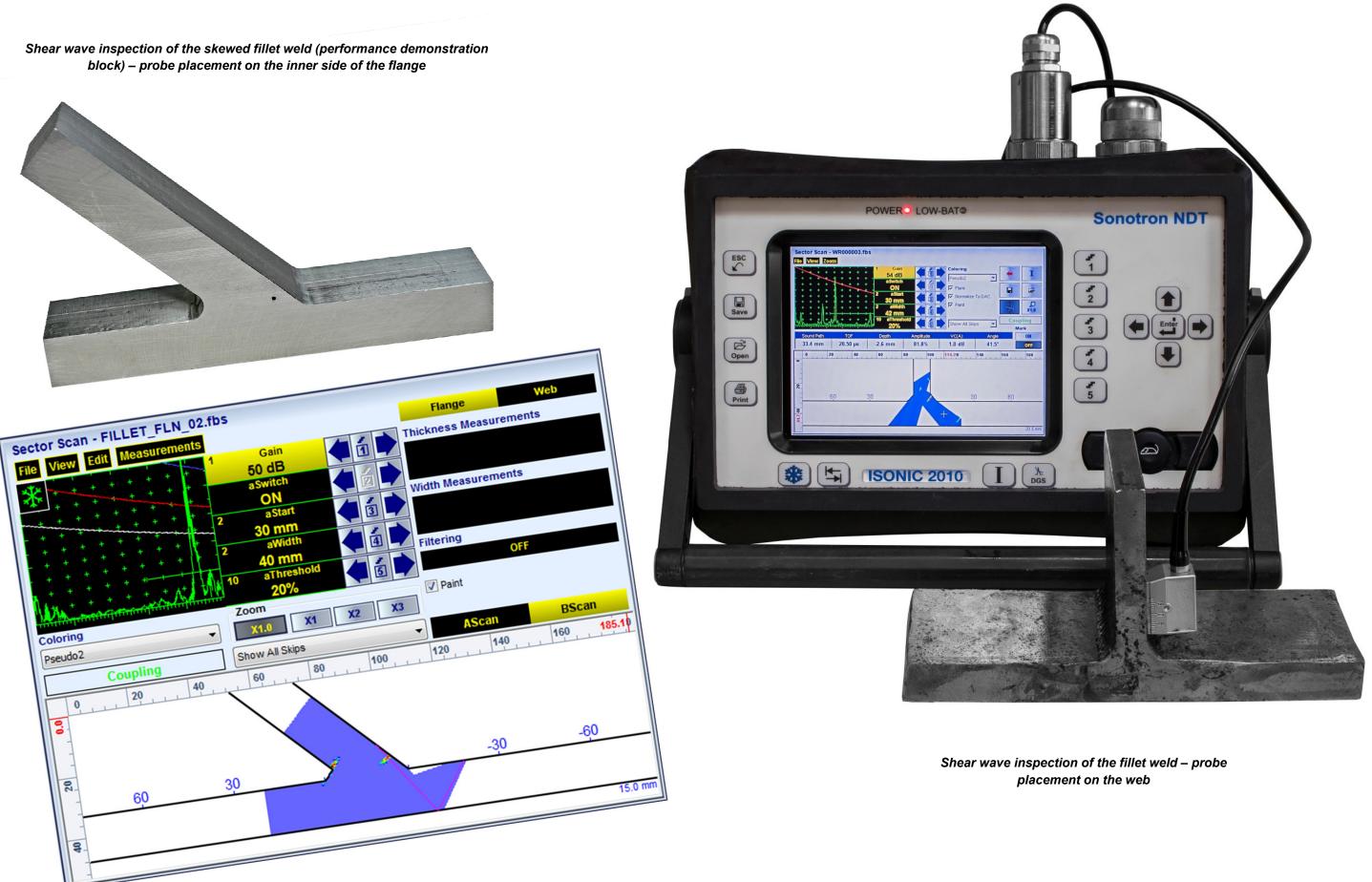














Shear wave inspection of the fillet weld – probe placement on the web

